

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,111,290 B1
APPLICATION NO. : 09/425401
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INVENTOR(S) : John S. Yates, Jr., et al

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At col. 2, line 56; col. 44, line 33; col. 45, line 20; col. 45, line 23; col. 46, line 8; and col. 46, line 44, "31" should be -- 3I --

At col. 38, line 51, "0" should be -- "10" --

At col. 59, line 54, "0.001" should be -- 0.0011 --

At col. 88, line 47, "KB" should be -- 4 KB --

At col. 89, line 61, "SMRts" should be --SMR's--

Claim 19, col. 106, line 12, "detect, the" should be --detect the --

Claim 22, col. 106, line 37, "arm" should be --are--

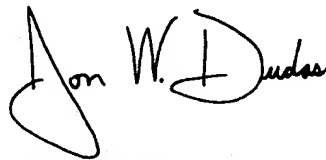
Claim 31, col. 108, line 11, "record" should be -- recorded --

Claim 31, col. 108, line 18, "togehter" should be -- together --

Claim 32, col. 108, line 21, "informtion" should be -- information --

Signed and Sealed this

Nineteenth Day of December, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office